

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A print control device for controlling a printing process in a printer engine that prints, using a printer engine, contents based on print data indicating the contents to be printed and that has a memory print function, the print control device comprising:

a division unit operable to obtain the print data from outside the print control device, and to divide the obtained print data into a plurality of files, wherein the plurality of files correspond to respective individual areas of the contents to be printed, each of the individual areas being smaller than a page of the contents to be printed;

a storage unit having an area for storing where the plurality of files are stored;

a read and write unit operable to write, into the storage unit, the plurality of files obtained by the dividing performed by the division unit, and to read out the plurality of files stored in the storage unit that correspond to the print data;

a detection unit operable to detect, on a file-by-file basis, whether or not the reading of the files has been successfully performed [[by]] in the read and write unit; and

a file processing unit operable to output, to the printer engine, a file that has been detected by the detection unit as being read out successfully, and to cause the printer engine to print the contents included in the file that has been detected as being read out successfully, out of the contents included in the print data to be printed,

wherein, when the detection unit detects that a file has not been read out successfully and the individual area corresponding to the file is specified, the division unit (i) obtains the print data from outside the print control device by causing a device outside the print control device to resend the print data, (ii) extracts, from the resent print data, information included only in the

specified individual area out of all information included in the resent print data, and (iii) generates, from the extracted information, a new file different from the file detected by the detection unit as not having been read out successfully, and
wherein the read and write unit writes the generated new file into the storage unit.

2. (Canceled)

3. (Currently Amended) The print control device according to Claim [[2]] 1, further comprising

an error file processing unit operable to cause the printer engine to perform a predetermined process printing on [[a]] the file that has been detected by the detection unit as not being ~~having been~~ read out successfully.

4-9. (Canceled)

10. (Currently Amended) The print control device according to Claim [[9]] 1,
~~wherein the detection unit specifies, to the division unit, a page corresponding to a file that has been found as not being read out successfully as a result of the detection, and~~
~~the read and write unit writes, into the storage unit, the file that is generated by the division unit based on the specification, so that said~~ wherein the generated new file ~~written into the storage unit~~ replaces the file that has detected by the detection unit as not having been read out successfully.

11. (Canceled)

12. (Currently Amended) A print control method for controlling a printing process in a printer engine-that prints, using a printer engine, contents based on print data indicating the contents to be printed and that has a memory print function, the print control method comprising:

a division step of obtaining the print data from outside a print control device, and dividing the obtained print data into a plurality of files, wherein the plurality of files correspond to respective individual areas of the contents to be printed, each of the individual areas being smaller than a page of the contents to be printed;

a write step of writing, into a memory storage unit, the plurality of files ~~obtained by the dividing performed in the division step;~~

a read step of reading out, from the memory storage unit, the plurality of files ~~that correspond to the print data written into the storage unit;~~

a detection step of detecting, on a file-by-file basis, whether or not the reading of the files has been successfully performed in the read step; and

a file processing step of outputting, to the printer engine, a file that has been detected in the detection step as being read out successfully, and causing the printer engine to print the contents included in the file, out of the contents included in the print data to be printed,

wherein, when it is detected, in the detection step, that a file has not been read out successfully and the individual area corresponding to the file is specified, the division step further comprises:

obtaining the print data from outside the print control device by causing a device outside the print control device to resend the print data;

extracting, from the resent print data, information included only in the specified individual area out of all information included in the resent print data information; and

generating, from the extracted information, a new file different from the file detected in the detection step as not having been read out successfully, and

wherein, in the write step, the generated new file is written into the storage unit.

13. (Canceled)

14. (Currently Amended) The print control method according to Claim [[13]]12, further comprising

an error file processing step of causing the printer engine to perform a predetermined process-printing on [[a]] the file that has been detected in the detection step as not having being read out successfully.

15-18. (Canceled)

19. (Currently Amended) A program recorded on a computer-readable recording medium for controlling a printing process in a printer ~~engine~~ that prints, using a printer engine, contents based on print data indicating the contents to be printed and that has a memory print

function, the program causing a computer to execute a method comprising:

a division step of obtaining the print data from outside a print control device, and dividing the obtained print data into a plurality of files, wherein the plurality of files correspond to respective individual areas of the contents to be printed, each of the individual areas being smaller than a page of the contents to be printed;

a write step of writing, into a memory storage unit, the plurality of files ~~obtained by the dividing performed in the division step~~;

a read step of reading out, from the memory storage unit, the plurality of files ~~that correspond to the print data written into the storage unit~~;

a detection step of detecting, on a file-by-file basis, whether or not the reading of the files has been successfully performed in the read step; and

a file processing step of outputting, to the printer engine, a file that has been detected in the detection step as being read out successfully, and causing the printer engine to print the contents included in the file, out of the contents included in the print data to be printed,

wherein, when it is detected, in the detection step, that a file has not been read out successfully and the individual area corresponding to the file is specified, the division step further comprises:

obtaining the print data from outside the print control device by causing a device outside the print control device to resend the print data;

extracting, from the resent print data, information included only in the specified individual area out of all information included in the resent print data information; and

generating, from the extracted information, a new file different from the file

detected in the detection step as not having been read out successfully, and
wherein, in the write step, the generated new file is written into the storage unit.

20. (Canceled)

21. (Currently Amended) The program according to Claim [[20]] 19, further causing the computer to execute an error file processing step of causing the printer engine to perform a predetermined ~~process-printing on [[a]] the file~~ that has been detected in the detection step as not ~~being having been~~ read out successfully.

22-24. (Canceled)

25. (Currently Amended) A printer which prints contents based on print data indicating the contents to be printed and has a memory print function, the printer comprising:
a printer engine that prints the contents based on the print data indicating the contents to be printed; and
a print control device that controls ~~the printer engine~~ a printing process,
wherein the print control device includes:
a division unit operable to obtain the print data from outside the print control device, and
to divide the obtained print data into a plurality of files, wherein the plurality of files correspond to respective individual areas of the contents to be printed, each of the individual areas being

smaller than a page of the contents to be printed;

a storage unit having an area ~~for storing where~~ the plurality of files are stored;

a read and write unit operable to write, into the storage unit, the plurality of files ~~obtained by the dividing performed by the division unit~~, and to read out the plurality of files stored in the storage unit ~~that correspond to the print data;~~

a detection unit operable to detect, on a file-by-file basis, whether or not the reading of the files has been successfully performed ~~[[by]]~~ in the read and write unit; and

a file processing unit operable to output, to the printer engine, a file that has been detected by the detection unit as being read out successfully, and to cause the printer engine to print the contents ~~included in the file, out of the contents included in the print data to be printed,~~

wherein, when the detection unit detects that a file has not been read out successfully and the individual area corresponding to the file is specified, the division unit (i) obtains the print data from outside the print control device by causing a device outside the print control device to resend the print data, (ii) extracts, from the resent print data, information included only in the specified individual area out of all information included in the resent print data, and (iii) generates, from the extracted information, a new file different from the file detected by the detection unit as not having been read out successfully, and

wherein the read and write unit writes the generated new file into the storage unit.

26. (Canceled)

27. (Currently Amended) The printer according to Claim [[26]] 25,

wherein the print control device further includes

an error file processing unit operable to cause the printer engine to perform a predetermined process on a printing of the file that has been detected by the detection unit as not ~~being having been~~ read out successfully.

28-30. (Canceled)